



- 3/64 DIN Temperature Indicator
- Jumper – selectable display for °C / °F
- Screw terminals connector for easy installation
- Unique mounting bracket allows for stacking of multiple meters

Specifications -

DISPLAY

Type	7- segment, red LED
Height	0.56" (14.2mm)
Display resolution	0.1° from -99.9° to 999.9°; 1.0° below 100° or above 1000°; 0.1mV for mV indication
Overrange Indication (T/C or mV)	The left-most digit shows 1: "1" (other digits are blank)
Open or faulty input connection	"____"
Uncalibrated instrument	Display will flash continuously "INFO FAIL CALB REQD" upon application of power.
Polarity	Automatic, with "-" indication, "+" implied

POWER REQUIREMENTS

AC Voltages	85 - 250VAC @ 50-60Hz
Power Consumption	2 VA

INPUTS

Thermocouple	J, K
Millivolt	± 70mV (Uncompensated for temperature)
Lead Resistance Effect	-13µV / 100Ω max.
RTD	Platinum 100 Ohm (.00385 alpha)
Lead Resistance Effect	2- and 3-wire 1° / .29Ω max.
Temperature Coefficient	± 0.2°C / °C

Input Type	Temperature Range	Accuracy @ 25°C
K T/C	-100 to 1370°C -148 to 2498°F	± (0.1% rdg +1.5°C) ± (0.1% rdg +2.7°F)
J T/C	-100 to 1200°C -148 to 2192°F	± (0.1% rdg +1.5°C) ± (0.1% rdg +2.7°F)
RTD Pt100 (4-wire)	-100 to 850°C -148 to 1562°F	± (0.2% rdg +1.5°C) ± (0.2% rdg +2.7°F)
mV	-70 to 70mV	± (0.1% rdg +0.1mV)

Input Impedance	22MΩ
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ENVIRONMENTAL

Operating Temperature	0 to 55°C
Storage Temperature	-10 to 60°C
Relative Humidity	0 to 85% non-condensing
Warmup time	Less than 20 minutes

A/D Conversion Techniques	12 Bit Successive Approximation (SAR)
Rate	10 samples per second

NOISE REJECTION

NMRR	60dB, 50/60Hz
CMRR	(w / 1kΩ unbalanced @ 60Hz) 90dB min

MECHANICAL

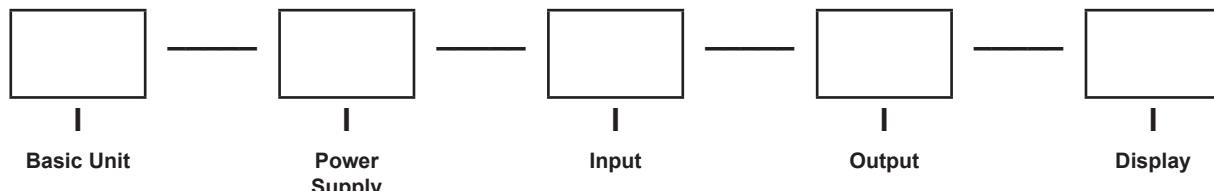
Bezel	0.94" x 2.83"
Depth	2.36"
Panel cutout	0.89" x 2.71"
Weight	3.5 oz. (99.2 g)
Case Material	94-0, UL-rated, glass-filled thermoplastic

Mini-Max M240

Temperature Indicator

Ordering Information -

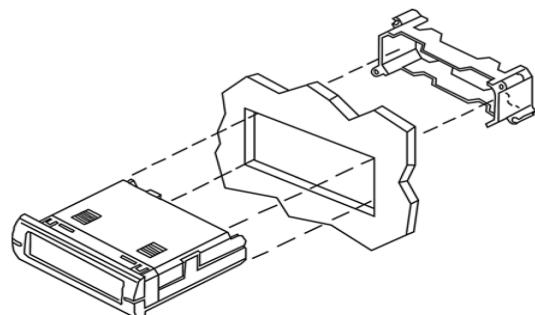
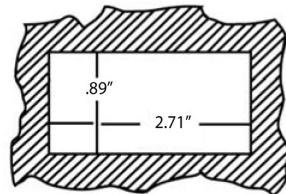
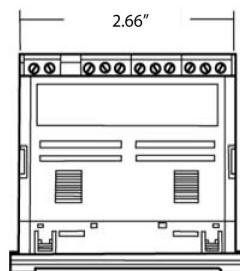
Mini-Max indicators can be configured by making an entry in each section below.
Example: M240-0-91-0-F.



Select From Each One Below					
Basic Unit		Input		Output	
M240	4 Digit LED	91	J T/C	0	None
		92	K T/C		
		93	RTD Pt100 Ohm		
		94	DC mV		
Power Supply		Display			
0	85-250 VAC	C	°C		
		F	°F		
		0	mV	(only available with DC mV Input)	



Dimensions and Panel Cutout - M235, M245 & M240

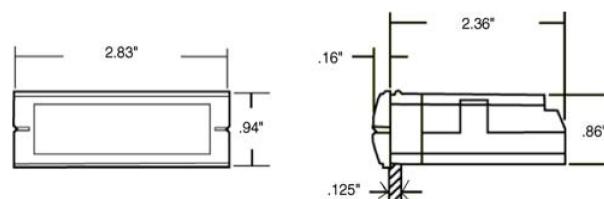


Mounting Instructions

Insert the Mini-Max through the panel, and then slide the mounting bracket on to the Mini-Max.

The mounting bracket allows Mini-Max units to be stacked side-to-side or top-to-bottom.

Panel cutout instructions for stacking multiple units are provided in the operator's manual.



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